UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 1046.1230 (JDH)

First Named Inventor or Application Identifier:

Satoshi KASAI, et al.

Express Mail Label No.

APPLICATION ELEMENTS	ADDRESS TO:
See MPEP chapter 600 concerning utility patent application contents.	**Assistant Commissioner for Patents Box Patent Application Washington, DC 20231**

1. [X] Fee Transmittal Form

2. [X] Specification, Claims & Abstract ..... [Total Pages: _76_]

3. [X] Drawing(s) *(35 USC 113)* .... [Total Sheets: _21_]

4. [X] Oath or Declaration .... [Total Pages: _4_]
    a. [X] Newly executed (original or copy)
    b. [ ] Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional with Box 17 completed)*
        i. [ ] <u>DELETION OF INVENTOR(S)</u>
        Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5. [ ] Applicant claims small entity status.

6. [ ] Incorporation by Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

7. [ ] Microfiche Computer Program *(Appendix)*

8. [ ] Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
    a. [ ] Computer Readable Copy
    b. [ ] Paper Copy (identical to computer copy)
    c. [ ] Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. [X] Assignment Papers (cover sheet & document(s))

10. [ ] 37 CFR 3.73(b) Statement *(when there is an assignee)*   [ ] Power of Attorney

11. [ ] English Translation Document *(if applicable)*

12. [ ] Information Disclosure Statement (IDS)/PTO-1449[ ] Copies of IDS Citations

13. [ ] Preliminary Amendment

14. [X] Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*

15. [X] Certified Copy of Priority Document(s) *(if foreign priority is claimed) (JPA 2000-54952, filed February 29, 2000)*

16. [ ] Other:

17. If a CONTINUING APPLICATION, *check appropriate box and supply the requisite information:*

[ ] Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No: _____/_____

18. CORRESPONDENCE ADDRESS

21171

PATENT TRADEMARK OFFICE

Staas & Halsey LLP

NEW APPLICATION FEE TRANSMITTAL		Attorney Docket No.	1046.1230 (JDH)
		Application Number	To be assigned
		Filing Date	January 3, 2001
AMOUNT ENCLOSED	$2,550.00	First Named Inventor	Satoshi KASAI, et al.

FEE CALCULATION (fees effective 10/01/00)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	40 - 20 =	20	X $ 18.00 =	$ 360.00
	INDEPENDENT CLAIMS	21 - 3 =	18	X $ 80.00 =	1,440.00
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)			+ $270.00 =	
			BASIC FILING FEE		710.00
			Total of above Calculations =		$ 2,510.00
	Surcharge for late filing fee, Statement or Power of Attorney ($130.00)				+
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28).				-
			TOTAL FILING FEE =		$ 2,510.00
	Surcharge for filing non-English language application ($130.00; 37 CFR 1.52(d))				+
	Recordation of Assignment ($40.00; 37 CFR 1.21(h)(1))				40.00
			TOTAL FEES DUE =		$ 2,550.00

METHOD OF PAYMENT

[X]   Check enclosed as payment.

[ ]   Charge "TOTAL FEES DUE" to the Deposit Account No., below.

[ ]   No payment is enclosed and no charges to the Deposit Account are authorized at this time.
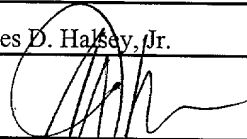
GENERAL AUTHORIZATION

[X]   If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No.	19-3935
Deposit Account Name	STAAS & HALSEY LLP

[X]   The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY LLP

Typed Name	James D. Halsey, Jr.	Reg. No.	22,729
Signature		Date	January 3, 2001